

File 348:EUROPEAN PATENTS 1978-2003/Nov W02
 (c) 2003 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20031106,UT=20031030
 (c) 2003 WIPO/Univentio
 File 15:ABI/Inform(R) 1971-2003/Nov 14
 (c) 2003 ProQuest Info&Learning
 File 9:Business & Industry(R) Jul/1994-2003/Nov 13
 (c) 2003 Resp. DB Svcs.
 File 610:Business Wire 1999-2003/Nov 14
 (c) 2003 Business Wire.
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 275:Gale Group Computer DB(TM) 1983-2003/Nov 13
 (c) 2003 The Gale Group
 File 476:Financial Times Fulltext 1982-2003/Nov 14
 (c) 2003 Financial Times Ltd
 File 624:McGraw-Hill Publications 1985-2003/Nov 13
 (c) 2003 McGraw-Hill Co. Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Nov 13
 (c) 2003 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Nov 14
 (c) 2003 The Gale Group
 File 613:PR Newswire 1999-2003/Nov 14
 (c) 2003 PR Newswire Association Inc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 16:Gale Group PROMT(R) 1990-2003/Nov 13
 (c) 2003 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 634:San Jose Mercury Jun 1985-2003/Nov 13
 (c) 2003 San Jose Mercury News
 File 148:Gale Group Trade & Industry DB 1976-2003/Nov 14
 (c)2003 The Gale Group
 File 20:Dialog Global Reporter 1997-2003/Nov 14
 (c) 2003 The Dialog Corp.
 File 994:NewsRoom 2001
 (c) 2003 The Dialog Corporation
 File 995:NewsRoom 2000
 (c) 2003 The Dialog Corporation

Set	Items	Description
S1	69120	(SENSOR? ? OR DETECTOR? ?) (5N) (PROCESS OR PROCESSES OR TASK? ? OR OPERATION? ? OR PROGRAM? ?)
S2	425099	(MEASUR? OR COUNT??? OR TALLY? OR ADD OR ADDING OR ADDED OR ADDITION OR ENUMERAT? OR TABULAT?) () (VALUE OR VALUES OR AMOUNT? ? OR NUMBER? ? OR QUANTIT? OR LEVEL? ?)
S3	94302	(CALCULAT? OR COMPUTES OR COMPUTATION? OR VALUAT?) (3N) (COST? ? OR FEES OR EXPENSE? ? OR CHARGES OR AMOUNT() (CHARGED OR DUE))
S4	110	S1 AND S2 AND S3
S5	103	S4 FROM 348,349
S6	7	S5 AND IC=(H04L? OR G01D-009/00 OR G06F-017/60)
S7	7	S4 NOT S5
S8	3722	S2 (10N) (SENSOR OR SENSORS OR DETECTOR? ?)
S9	1	(S3(S)S8) NOT (S6 OR S7)
S10	33	(S3 AND S8) NOT (S6 OR S7 OR S9)
S11	33	S10 FROM 348,349

6/TI,PY,AZ/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01436904
Communication network and broker system
Kommunikationsnetzwerk und Makler Sytem
Reseau de communications et systeme de negotiation
PATENT (CC, No, Kind, Date): EP 1220512 A2 020703 (Basic)

6/TI,PY,AZ/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01429605
System and method for providing environmental impact information, recording
medium recording the information, and computer data signal
System und Verfahren fur das Bereitstellen von Informationen uber
Umweltbelastung, Aufnahmemedium zum Aufnehmen von den Informationen,
und Rechnerdatensignal
Systeme et methode pour la provision d'information sur l'impact
environnemental, support d'enregistrement pour enregistrer
l'information, et signal de donnee d'ordinateur
PATENT (CC, No, Kind, Date): EP 1207475 A2 020522 (Basic)
EP 1207475 A3 020724

6/TI,PY,AZ/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01411651
System and method for providing environmental management information,
recording medium recording the information, and computer data signal
System und Verfahren zum Bereitstellen von Umweltverwaltungsinformationen,
Aufzeichnungsmedium zum Aufzeichnen dieser Informationen und
Computerdatensignal
Systeme et methode pour fournir des informations de gestion, medium
d'enregistrement pour enregistrer l'information et signal de donnees
informatiques
PATENT (CC, No, Kind, Date): EP 1193628 A2 020403 (Basic)
EP 1193628 A3 020724

6/TI,PY,AZ/4 (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01405504
Method for providing measuring values and method for calculation of
the costs for providing these values
Verfahren zum Bereitstellen von Messwerten und zur Berechnung der Kosten
der Bereitstellung
Procede pour fournir des valeurs de mesure et procede pour la determination
des frais pour fournir ces valeurs
PATENT (CC, No, Kind, Date): EP 1189036 A1 020320 (Basic)

6/TI,PY,AZ/5 (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01030324
MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE
PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)
WO 9909502 990225

6/TI,PY,AZ/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00957813
PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT
APPARATUS
PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET
APPAREIL PERMETTANT DE GERER CE SYSTEME
PATENT (CC, No, Kind, Date): EP 910028 A1 990421 (Basic)
WO 9821677 980522

6/TI,PY,AZ/7 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00806392
TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET
PROCEDE ASSOCIE
Publication Year: 2001

6/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01030324

MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE
PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156-0043,
(JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel (14511), BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8,
80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)
WO 9909502 990225

APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813

PRIORITY (CC, No, Date): JP 97230564 970813

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 150

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585
Total word count - document B			0
Total word count - documents A + B			177585

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the electronic payment card; and

state management information to which a digital signature has been
added using the card signature private key.

Therefore, the contents of the electronic payment card to...for a
payment settlement process or a credit settlement process performed at a
cash register counter in a retail shop; a merchant terminal 103, which
can be used for a payment...ticket that has been issued. And the ticket
refund process is a process whereby the cost of a ticket, calculated
while taking into consideration any alterations to the ticket, is
refunded.

In Fig. 58 is...signals, transmitted by the key operator 1509, the
channel codec 1513 and the battery capacity detector 1518, and serves
as an interface when the CPU 1500 accesses the internal registers of...
activated next is stored in advance in the start frame register 1601, and
when the count value of the frame counter 1600 equals the amount held
by the start frame register 1601...field, a 1 is set when the amount in
the frame counter 1600 equals the amount held in the start frame
register 1601.

Bit 28 represents the generation of a call...

6/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00957813

**PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT
APPARATUS**

PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET
APPAREIL PERMETTANT DE GERER CE SYSTEME

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma,
Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156, (JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel et al (14511), BUREAU D.A. CASALONGA - JOSSE
Morassistrasse 8, 80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 910028 A1 990421 (Basic)
WO 9821677 980522

APPLICATION (CC, No, Date): EP 97912468 971114; WO 97JP4161 971114

PRIORITY (CC, No, Date): JP 96316897 961114; JP 97117681 970422

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 119

LANGUAGE (Publication, Procedural, Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total word count - document A			128939
Total word count - document B			0
Total word count - documents A + B			128939

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION transaction function and a digital telephone function; a cash register 311, which is used to calculate the cost of a product; an RS-232C cable 313, along which the credit settlement terminal 300... antenna 201, transmits an analog reception signal 1550 to the demodulator 1515; a battery capacity detector 1518, which detects the capacity of the battery of the personal credit terminal 100; and...

...transmitted by the key operation controller 1509, the channel codec 1513 and the battery capacity detector 1518, and serves as an interface when the PU 1500 accesses the internal registers of...activated next is stored in advance in the start frame register 1801, and when the count value of the frame counter 1800 equals the value held by the start frame register 1801...

...field, a 1 is set when the interrupt signal 1557 received from the battery capacity detector 1518 is asserted.

Bit 24 represents the generation of a key interrupt by manipulation of ...activated next is stored in advance in the start frame register 21601, and when the count value of the frame counter 21600 equals the value held by the start frame register 21601...

6/3,K/7 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET
PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... of DS3, and the determination of discounted add-drop costs for a plurality of selected **Add /Drop Multiplexers** (ADM's) and related components based upon projected availability. If the number of... equipment, a clock, and a plurality of inputs from meter readings and the outputs of **sensors**. The system initiates telephone calls to the utility company central offices at predetermined intervals to...order history information and section information with respect to each orderer. The collection processing means **calculates** a total **cost** of previous orders based on the order history information of one of the orderers sending...

...also includes order permission means for permitting an execution of an ordering process when the **calculated** total of the previously ordered costs is within a budget of the orderer. The budget...

...exceeding their budget.

The central management unit may further include a supplier selecting process for **calculating** a total **cost** of previously received order for each of the suppliers based on the order history information...

...to each of the orderers. An execution of an ordering process is permitted when the **calculated** total **cost** of previous orders is within a budget of the orderer. The budget may be included in the section information.

39

Optionally, the order management process may include **calculating** a total **cost** of previously received orders for each of the suppliers based on the order history information and the order information as well as selecting one of the suppliers whose **calculated** total **cost** of previously received orders is within an order limit. Thus, exceeding the order limit previously...be retrieved at later point

Displays quantity, price, shipping info, total price

Modifies order information (**add quantities**, delete items)

Incorporates multiple languages and currency

Accessible easily throughout: catalog

As shown in Figure...if there are many advertisements, the advertisements are rotated so that each gets an equal **amount** of display time, or according to the premium paid by the advertiser. A user is...the price is

satisfactory, and that the desired shipping provider is selected.

TAX AND SHIPPING CALCULATIONS

Provides tax **cost** on associated order

Provides shipping cost on associated order

Handles multiple tax laws within US...the vendor to prohibit unauthorized usage of the software that might facilitate unauthorized copying. In **addition**, licensing provides an advantageous method of providing and billing for software. Through licensing, the vendor...

7/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01450140 SUPPLIER NUMBER: 11277823 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Blackboard systems. (artificial intelligence problem solving technique)
(technical)
Corkill, Daniel
AI Expert, v6, n9, p41(7)
Sept, 1991
DOCUMENT TYPE: technical ISSN: 0888-3785 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5237 LINE COUNT: 00443

... each rule prevents full independence. A pair of rules that implements iteration by using a **counter value** and a termination rule is an example of two rules that can't be designed...problem-solving activities is required in an application.

The blackboard approach has been applied in **sensory** interpretation, design and layout, **process** control, planning and scheduling, computer vision, case-based reasoning, knowledge-based simulation and instruction, command...systems provide a smooth integration of method-based and KS-based inference. Where method-based **computations** have low **cost** and do not need to be controlled, normal object-oriented techniques can be used. When ...

7/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01312428 SUPPLIER NUMBER: 07767830 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Design a minimum-space auto-instrument module. (IEE's Pixie switch teamed with Hitachi's ZTAT HD4074308 microcontroller)
Ong, Ralph
Electronic Design, v37, n18, p53(6)
August 24, 1989
ISSN: 0013-4872 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3228 LINE COUNT: 00254

...ABSTRACT: and display fuel level, water temperature, oil pressure and voltage information. Instructions are provided for **sensor** interfacing, timer **operation**, displaying information, programming the refresh operation and resolving alarm conflicts. Development tools, clock frequencies and...

... breakpoints that cover the entire memory space. For combination breakpoint types, any combination of program- **counter value**, program instruction, interrupt execution, and External Probe signal can specify the breakpoint condition.

With the...

...postal and produce scales. Again, the a-d converter could supply the weight measurement and **cost calculation**, and the Pixie could readout the cost.

Appliance control is another logical application. Electric ranges...

7/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

11763764 SUPPLIER NUMBER: 57485725 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hydrocarbon Processing's Advanced Control and Information Systems
'99.(innovations in control hardware and software packages)
Hydrocarbon Processing, 78, 9, 75(7)
Sept, 1999

... promise.

Manufacturing optimization enables process manufacturers to make products at the lowest cost and highest **added value**, at the specification and quality required to satisfy customer needs, and at the time required...promise.

Manufacturing optimization enables polymer manufacturers to make products at the lowest cost and highest **added value**, at the specification and quality required to satisfy customer needs, and at the time required...

...to-promise.

Manufacturing optimization enables refiners to make products at the lowest cost and highest **added value**, and at the specification and quality required to satisfy customer needs while meeting safety, operational...Conversion, catalyst flow and product yields calculations are based upon operating conditions, with feedback from **measured values**. These calculations are performed using standard toolkits, which provide a standard, user-friendly collection of...applications. ASM4G2 quickly configures the ASM functions from the control system database to provide the **sensor validation** and **process operations** advisory functions for the **process** units. **Sensor** elements are then configured into their required relationships to the process equipment to detect abnormal...to actual feedstock mixtures and to track the origin of inventory.

The Production Costing module **calculates** production **costs** at each processing step, including direct, variable and utility costs. Production Costing helps reduce...in a form that it can easily be integrated with modern higher-level business systems.

Cost Management - Provides **calculation** of production **costs** by major equipment, major unit and mode of operation. Actual results are calculated against a...execute grade transitions. Aspen Technology's solution uses DMCplus control technology with Aspen IQ inferential **sensors**, and Aspen **Process** Recipe and

7/3,K/4 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06169209 SUPPLIER NUMBER: 12813873 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Top 40 instrumentation products - 1991: based on reader inquiries.
Hydrocarbon Processing, v71, n9, p161(10)
Sept, 1992
ISSN: 0018-8190 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 6401 LINE COUNT: 00549

... 2]S and [CO.sub.2] levels

C/S 200 process analyzer is designed to **measure** **levels** of [H.sub.2]S and [CO.sub.2] in a "lean" or "rich" amine...within the electronics converter. Mass flow measuring error is less than 0.2% of the **measured value**.

The unique design of the Corimass results in reduced effects from external pipe stress, improved...and then automatically calculates net combustion efficiency. And with the Compu-Cents feature, MAX also **computes** actual **cost** savings based on the price of fuel. A theoretical calculation of [CO.sub.2] content...

...sensor site itself Texas Analytical Controls, Inc.

Circle 327 on Reader Service Card

Near infrared **sensor** solves **process** analysis problems

The InfraPrime, the first **sensor** in a series of **process** integrated monitoring equipment specifically designed to solve process analysis problems, uses unique crystal optics technology...

7/3,K/5 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04124629 SUPPLIER NUMBER: 07767830 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Design a minimum-space auto-instrument module. (IEE's Pixie switch teamed
with Hitachi's ZTAT HD4074308 microcontroller)
Ong, Ralph
Electronic Design, v37, n18, p53(6)
August 24, 1989
ISSN: 0013-4872 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3228 LINE COUNT: 00254

...ABSTRACT: and display fuel level, water temperature, oil pressure and
voltage information. Instructions are provided for **sensor** interfacing,
timer **operation**, displaying information, programming the refresh
operation and resolving alarm conflicts. Development tools, clock
frequencies and...
... breakpoints that cover the entire memory space. For combination
breakpoint types, any combination of program- **counter value**, program
instruction, interrupt execution, and External Probe signal can specify the
breakpoint condition.
With the...

...postal and produce scales. Again, the a-d converter could supply the
weight measurement and **cost calculation**, and the Pixie could readout
the cost.
Appliance control is another logical application. Electric ranges...

7/3,K/6 (Item 1 from file: 995)
DIALOG(R)File 995:NewsRoom 2000
(c) 2003 The Dialog Corporation. All rts. reserv.

0141530657 156VOXY0
Plan and design the best gas detection
Jessel, Wolfgang
InTech, v47, n9, p52
Saturday, September 30, 2000
JOURNAL CODE: AJHA LANGUAGE: ENGLISH RECORD TYPE: Fulltext
DOCUMENT TYPE: Trade Journal ISSN: 0192-303X
WORD COUNT: 1,747

...evacuated, and define when it is safe to reenter them. On this basis you
can **calculate** the consequences and **costs** of a false or genuine alarm
and in turn establish the requirements for the reliability...

...disadvantages, so the most reliable information about the suitability of
a method to a particular **task** is likely to come from **sensor**
manufacturers.

There are three sensorpositioning strategies, though it may be necessary to
combine or modify...repeatability).

Electrochemical sensor
For gas detection instruments, there is always a certain probability that a
measured value will fluctuate within specified limits around the target
value.

If temperature, pressure, humidity, and flow...

7/3,K/7 (Item 2 from file: 995)
DIALOG(R)File 995:NewsRoom 2000
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0048040448 151017HZ

Retrieval of water vapor profiles using SSM/T-2 and SSM/I data

Blankenship, Clay B

Journal of the Atmospheric Sciences, v57, n7, p939

Saturday, April 1, 2000

JOURNAL CODE: AFGL LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Scholarly Journal ISSN: 0022-4928

WORD COUNT: 5,704

TEXT:

...total integrated water vapor (TIWV) retrieved from SSM/I, are tested to see if they **add value** to the retrieval. In the retrieval process, TIWV is formally treated as a separate channel...

...algorithm.

1) The algorithm has been adapted to the data from the Defense Meteorological Satellite **Program** (DMSP) satellite **sensors**, SSM/I and SSM/T-2. Different channel combinations are investigated, with the TIWV from...transformation can increase the yield over the retrievals performed in the previous section (at the **expense** of making the **computations** slightly more complex). Tables 9 and 10 show how well the retrieved profiles matched radiosonde...

9/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00103968

METHOD OF IMPRESSING AND READING OUT A SURFACE CHARGE ON A MULTI-LAYERED
DETECTOR STRUCTURE

METHODE D'IMPRESSION ET D'EXTRACTION D'UNE CHARGE EN SURFACE SUR UNE
STRUCTURE D'UN DETECTEUR A MULTI-COUCHES

Patent Applicant/Assignee:

MARSH L,
ZERMENO A,
COWART R,

Inventor(s):

MARSH L,
ZERMENO A,
COWART R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8002785 A1 19801211

Application: WO 80US563 19800514 (PCT/WO US8000563)

Priority Application: US 7938831 19790514

Designated States: AT AU BR CH DE GB JP NL RO SE SU US FR

Publication Language: English

Fulltext Word Count: 13458

Fulltext Availability:

Detailed Description

Detailed Description

... theoretically predicted by such a model as a
function of supply voltage applied across the
detector , Also shown on Figure 14 are several
experimentally measured values of charges col
lected from expe,rimental system #2, which was

@07

OMPI

'VII;IP0...

...was measured as 150 microns. Five mil
mylar was employed as the second dielectric. All
charges calculated in Figure 14 assumed an active
area or pixel size of .3 cm2 and represent...

11/TI,PY,AZ/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01481913
System for generating and executing a sheetmetal bending plan
System zur Herstellung und Ausfuhrung eines Metallplattenbiegeplanes
Systeme servant a generer et a executer un plan de pliage de toles
metalliques
PATENT (CC, No, Kind, Date): EP 1253496 A1 021030 (Basic)

11/TI,PY,AZ/2 (Item 2 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01397011
A system for detecting a position of a magnet associated with an indwelling
medical device
System zur Feststellung der Position von einem Magneten vereinigt mit einem
verweilmedizinischen Instrument
Systeme de detection de la position d'un aimant associe avec un dispositif
medical a demeure
PATENT (CC, No, Kind, Date): EP 1181891 A2 020227 (Basic)
EP 1181891 A3 020306
EP 1181891 B1 030924

11/TI,PY,AZ/3 (Item 3 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01359584
FAILURE MEASURE OUTPUTTING METHOD, OUTPUT SYSTEM, AND OUTPUT DEVICE
VERFAHREN ZUR BESTIMMUNG EINER FEHLERMESSUNG, AUSGABESYSTEM UND
AUSGABEVORRICHTUNG
PROCEDE DE PRODUCTION DE MESURE D'ECART, SYSTEME ET DISPOSITIF DE SORTIE
PATENT (CC, No, Kind, Date): EP 1213394 A1 020612 (Basic)
WO 200173224 011004

11/TI,PY,AZ/4 (Item 4 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01034880
Coriolis flowmeter with digital control system
Coriolisdurchflussmesser mit digitalem Regelsystem
Debitmetre a effet Coriolis avec systeme de controle numerique
PATENT (CC, No, Kind, Date): EP 919793 A2 990602 (Basic)
EP 919793 A3 991006

11/TI,PY,AZ/5 (Item 5 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00975351
Image processing method and device
Bildverarbeitungsverfahren und -vorrichtung
Procede et dispositif de traitement d'image
PATENT (CC, No, Kind, Date): EP 884890 A1 981216 (Basic)
EP 884890 B1 030709

11/TI,PY,AZ/6 (Item 6 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00974233
System for monitoring refrigerant charge
Kuhlerlastuberwachungssystem

Systeme pour la surveillance de la charge d'un refroidisseur
PATENT (CC, No, Kind, Date): EP 883048 A1 981209 (Basic)
EP 883048 B1 030521

11/TI,PY,AZ/7 (Item 7 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00960458
Image scanning device and method
Verfahren und Vorrichtung zur Bildabtastung
Dispositif pour scanner une image et methode
PATENT (CC, No, Kind, Date): EP 873003 A1 981021 (Basic)

11/TI,PY,AZ/8 (Item 8 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00796752
PROCESS AND DEVICE FOR COST-ORIENTED OPERATION OF A CONDITIONING DEVICE,
PARTICULARLY A FILTER
VERFAHREN UND VORRICHTUNG ZUM KOSTENORIENTIERTEN BETRIEB EINER
KONDITIONIERVORRICHTUNG, INSBESONDERE EINES FILTERS
PROCEDE ET DISPOSITIF PERMETTANT D'EXPLOITER EN TENANT COMPTE DES COUTS UN
DISPOSITIF DE CONDITIONNEMENT, EN PARTICULIER UN FILTRE
PATENT (CC, No, Kind, Date): EP 808206 A1 971126 (Basic)
EP 808206 B1 981021
WO 9624426 960815

11/TI,PY,AZ/9 (Item 9 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00778134
INTELLIGENT SYSTEM FOR GENERATING AND EXECUTING A SHEET METAL BENDING PLAN
INTELLIGENTES SYSTEM ZUR HERSTELLUNG UND AUSFUHRUNG EINES
METALLPLATTENBIEGEPLANS
SYSTEME INTELLIGENT SERVANT A GENERER ET A EXECUTER UN PLAN DE PLIAGE DE
TOLES METALLIQUES
PATENT (CC, No, Kind, Date): EP 744046 A1 961127 (Basic)
EP 744046 B1 030212
WO 96015481 960523

11/TI,PY,AZ/10 (Item 10 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00702308
Method for reproducing vehicle yaw angle from erroneous data
Verfahren zur Rekonstruktion des Gierwinkels eines Fahrzeugs aus
fehlerbehafteten Rohdaten
Procede de reconstruction du cap d'un vehicule de donnees erronees
PATENT (CC, No, Kind, Date): EP 668485 A1 950823 (Basic)
EP 668485 B1 980311

11/TI,PY,AZ/11 (Item 11 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00691124
Production of nitrogen using membranes with temperature tracking
Herstellung von Stickstoff unter Verwendung von Membranen mit
Temperaturuberwachung
Production d'azote utilisant des membranes avec surveillance de la
temperature
PATENT (CC, No, Kind, Date): EP 659464 A2 950628 (Basic)

EP 659464 A3 970507
EP 659464 B1 980826

11/TI,PY,AZ/12 (Item 12 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00556520

MODEL FORECASTING CONTROLLER.

MODELLVORHERSAGEREGLER.

UNITE DE COMMANDE DE PREVISION DE MODELE.

PATENT (CC, No, Kind, Date): EP 524317 A1 930127 (Basic)
EP 524317 A1 950215
WO 9214197 920820

11/TI,PY,AZ/13 (Item 13 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00506663

METHOD AND DEVICE FOR COMPUTING ESTIMATED MEAN TEMPERATURE SENSATION.

VERFAHREN UND VORRICHTUNG ZUR BERECHNUNG EINES SCHATZWERTES DER MITTLEREN
EMPFUNDENEN TEMPERATUR.

PROCEDE ET DISPOSITIF POUR LE CALCUL D'UNE ESTIMATION DE LA TEMPERATURE
MOYENNE PERCUE.

PATENT (CC, No, Kind, Date): EP 495118 A1 920722 (Basic)
EP 495118 A1 930203
WO 9202768 920220

11/TI,PY,AZ/14 (Item 14 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00506662

METHOD OF COMPUTING EQUIVALENT TEMPERATURE AND INSTRUMENT FOR ENVIRONMENT
MEASUREMENT.

VERFAHREN ZUR BERECHNUNG DER AQUIVALENTTEMPERATUR UND
UMWELT-MESSINSTRUMENT.

PROCEDE DE CALCUL DE LA TEMPERATURE EQUIVALENTE ET INSTRUMENT DE MESURE
ENVIRONNEMENTALE.

PATENT (CC, No, Kind, Date): EP 495117 A1 920722 (Basic)
EP 495117 A1 930609
WO 9202767 920220

11/TI,PY,AZ/15 (Item 15 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00342962

Abnormality system for a high voltage power supply apparatus.

Abnormitäts-Diagnosesystem für eine Hochspannungsanlage.

Système d'anormalité pour appareil à source de courant à haute tension.

PATENT (CC, No, Kind, Date): EP 342597 A2 891123 (Basic)
EP 342597 A3 901219
EP 342597 B1 941228

11/TI,PY,AZ/16 (Item 16 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00335586

Controlling engine fuel injection

Steuerung für Motor-Kraftstoffeinspritzung

Commande d'injection de carburant pour moteur

PATENT (CC, No, Kind, Date): EP 326065 A2 890802 (Basic)
EP 326065 A3 891123

11/TI,PY,AZ/17 (Item 17 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00295199

Apparatus for detecting presence/absence of water leakage from water pipe.
Apparat zum Nachweisen der An- oder Abwesenheit von Wasserleck an
Wasserrohrleitungen.

Appareil pour detecter la presence ou l'absence de fuite d'eaux dans les
conduits d'eau.

PATENT (CC, No, Kind, Date): EP 300460 A1 890125 (Basic)
EP 300460 B1 920513

11/TI,PY,AZ/18 (Item 18 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00273525

Liquid crystal voltmeter.

Flussigkristall-Spannungsmessgerät.

Voltmetre a cristaux liquides.

PATENT (CC, No, Kind, Date): EP 272871 A2 880629 (Basic)
EP 272871 A3 880727
EP 272871 B1 930310

11/TI,PY,AZ/19 (Item 19 from file: 348)
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00269438

Electronic hygrometer and electronic thermohygrometer.

Elektronischer Feuchtigkeitsmesser und elektronischer Temperatur- und
Feuchtigkeitsmesser.

Hygrometre electronique et thermohygrometre electronique.

PATENT (CC, No, Kind, Date): EP 259012 A1 880309 (Basic)
EP 259012 B1 921014

11/TI,PY,AZ/20 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01035110

CONTROL SYSTEM

SYSTEME DE COMMANDE

Publication Year: 2003

11/TI,PY,AZ/21 (Item 2 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00974505

METHOD AND APPARATUS FOR METAL POURING

PROCEDE ET APPAREIL RELATIFS AUX COULEES DE METAL

Publication Year: 2003

11/TI,PY,AZ/22 (Item 3 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00895295

METHOD AND APPARATUS FOR EVALUATING INTEGRATED CIRCUIT PACKAGES HAVING
THREE DIMENSIONAL FEATURES

PROCEDE ET DISPOSITIF D'EVALUATION DES BOITIERIS DE CIRCUITS INTEGRES A
CARACTERISTIQUES TRIDIMENSIONNELLES

Publication Year: 2002

11/TI,PY,AZ/23 (Item 4 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00837693
CORRECTING FOR TWO-PHASE FLOW IN A DIGITAL FLOWMETER
CORRECTION D'UN ECOULEMENT EN DEUX PHASES DANS UN DEBITMETRE NUMERIQUE
Publication Year: 2001

11/TI,PY,AZ/24 (Item 5 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00815022
SENSOR VALIDATION METHOD AND APPARATUS
PROCEDE ET APPAREIL DE VALIDATION DE CAPTEURS
Publication Year: 2001

11/TI,PY,AZ/25 (Item 6 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00767145
PARKING GUIDANCE AND MANAGEMENT SYSTEM
SYSTEME D'ORIENTATION ET DE GESTION POUR LE STATIONNEMENT
Publication Year: 2001

11/TI,PY,AZ/26 (Item 7 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00563908
DETERMINING THE LOCATION AND ORIENTATION OF AN INDWELLING MEDICAL DEVICE
DETERMINATION DE LA POSITION ET DE L'ORIENTATION DE DISPOSITIFS MEDICAUX
IMPLANTES A DEMEURE
Publication Year: 2000

11/TI,PY,AZ/27 (Item 8 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00459474
SYSTEM AND METHOD TO DETERMINE THE LOCATION AND ORIENTATION OF AN
INDWELLING MEDICAL DEVICE
SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LA POSITION ET L'ORIENTATION
D'UN DISPOSITIF MEDICAL A DEMEURE
Publication Year: 1998

11/TI,PY,AZ/28 (Item 9 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00422206
WAVEFIELD IMAGING USING INVERSE SCATTERING TECHNIQUES
APPAREIL ET PROCEDE D'IMAGERIE AVEC DES CHAMPS D'ONDES A L'AIDE DE
TECHNIQUES DE DIFFUSION INVERSE
Publication Year: 1998

11/TI,PY,AZ/29 (Item 10 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00393643
METHOD AND APPARATUS FOR ANALYZING AND MONITORING PACKET STREAMS

PROCEDE ET APPAREIL D'ANALYSE ET DE SURVEILLANCE DE FLUX DE PAQUETS
Publication Year: 1997

11/TI,PY,AZ/30 (Item 11 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00313861
INSTANTANEOUS VOLUME MEASUREMENT SYSTEM AND METHOD FOR NON-INVASIVELY
MEASURING LIQUID PARAMETERS
SYSTEME DE MESURE INSTANTANEE DE MESURE DE VOLUMES ET PROCEDE NON INVASIF
DE MESURE DES PARAMETRES D'UN LIQUIDE
Publication Year: 1995

11/TI,PY,AZ/31 (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00263670
PREDICTION METHOD OF TRAFFIC PARAMETERS
PROCEDE DE PREVISION DE PARAMETRES DE CIRCULATION
Publication Year: 1994

11/TI,PY,AZ/32 (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00103786
IMPROVED PHOTON DETECTOR
DETECTEUR DE PHOTONS AMELIORE
Publication Year: 1980

11/TI,PY,AZ/33 (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00103785
REALTIME RADIATION EXPOSURE MONITOR AND CONTROL APPARATUS
MONITEUR D'EXPOSITION, EN TEMPS REEL DE RADIATION, ET APPAREILLAGE DE
CONTROLE
Publication Year: 1980

11/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01034880

Coriolis flowmeter with digital control system
Coriolisdurchflussmesser mit digitalem Regelsystem
Debitmetre a effet Coriolis avec systeme de controle numerique
PATENT ASSIGNEE:

THE FOXBORO COMPANY, (389921), 33 Commercial Street, Foxboro, MA 02035,
(US), (Applicant designated States: all)

INVENTOR:

Henry, P Manus, 65 Croth Crescent Martson, Oxford OX3 OJL, (GB)
Clarke, W David, 98 Old Road Headington, Oxford OX3 8SX, (GB)
Vignos, H James, 129 Manning Street Needham heights, Massachusetts 02194,
(US)

LEGAL REPRESENTATIVE:

Butler, Michael John (29061), Frank B. Dehn & Co., European Patent
Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 919793 A2 990602 (Basic)
EP 919793 A3 991006

APPLICATION (CC, No, Date): EP 98309694 981126;

PRIORITY (CC, No, Date): US 66554 P 971126; US 111739 980708

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01F-001/84

ABSTRACT WORD COUNT: 106

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9922	3792
SPEC A	(English)	9922	24526
Total word count - document A			28318
Total word count - document B			0
Total word count - documents A + B			28318

...SPECIFICATION data points are used. The minimum is three, but more may be used (at greater **computational expense**) by using least-squares fitting. Such a fit is less susceptible to random noise. Fig...The integrals are calculated using Simpson's method with quadratic correction (described below). The chief **computational expense** of the method is calculating the pure sine and cosine functions.

e. Phase Determination

The...191 degrees to 209 degrees).

The controller generates VMV based on underlying data from the **sensors**. First, the controller derives a raw **measurement value** (RMV) that is based on the signals from the **sensors**. In general, when the controller detects no abnormalities, the controller has nominal confidence in the...

11/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00975351

Image processing method and device
Bildverarbeitungsverfahren und -vorrichtung
Procede et dispositif de traitement d'image
PATENT ASSIGNEE:

Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover
Street, Palo Alto, CA 94304, (US), (Proprietor designated states: all)

INVENTOR:

Pollard, Stephen Bernard, 51 The Street, Uley, Nr. Dursley,
Gloucestershire GL11 5SL, (GB)
Kahn, Richard Oliver, Rose Cottage, Thee Common East, Bradley Stoke,
Bristol BS12 6AY, (GB)

LEGAL REPRESENTATIVE:

Lawrence, Richard Anthony et al (78122), Hewlett-Packard Limited, IP
Section, Building 3, Filton Road, Stoke Gifford, Bristol BS34 8QZ, (GB)
PATENT (CC, No, Kind, Date): EP 884890 A1 981216 (Basic)
EP 884890 B1 030709

APPLICATION (CC, No, Date): EP 98303280 980428;
PRIORITY (CC, No, Date): EP 97304101 970612
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-001/047; H04N-001/107
ABSTRACT WORD COUNT: 108

NOTE:

Figure number on first page: 14

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199851	797
CLAIMS B	(English)	200328	793
CLAIMS B	(German)	200328	786
CLAIMS B	(French)	200328	927
SPEC A	(English)	199851	19292
SPEC B	(English)	200328	19298
Total word count - document A			20092
Total word count - document B			21804
Total word count - documents A + B			41896

...SPECIFICATION in such an unconstrained manner. In particular aspects, the invention provides for reduction of the **computational cost** and increases the speed of forming a reconstructed image from an arbitrarily obtained captured image...element 70, with the correlation coefficients being determined by equation: where S_{ij}) denotes the navigation **sensor - measured value** at the position ij of the sample frame 66 and R_{ij}) denotes the navigation **sensor - measured value** at the frame 68 as shifted at the element 70 in the k direction, with...a quadratic for every pixel. This is not a satisfactory practical solution because of the **expense of computation** involved. While it is possible to derive approximate linear homogeneous mappings from rectilinear image co...these values directly in the rectilinear image. Better image quality can be achieved, at the **cost of increased computation**, by mapping each rectilinear image pixel to the closest point on each of the increments...

...SPECIFICATION in such an unconstrained manner. In particular aspects, the invention provides for reduction of the **computational cost** and increases the speed of forming a reconstructed image from an arbitrarily obtained captured image...element 70, with the correlation coefficients being determined by equation: where S_{ij}) denotes the navigation **sensor - measured value** at the position ij of the sample frame 66 and R_{ij}) denotes the navigation **sensor - measured value** at the frame 68 as shifted at the element 70 in the k direction, with...a quadratic for every pixel. This is not a satisfactory practical solution because of the **expense of computation** involved. While it is possible to derive approximate linear homogeneous mappings from rectilinear image coordinates...these values directly in the rectilinear image. Better image quality can be achieved, at the **cost of increased computation**, by mapping each rectilinear image pixel to the closest point on each of the increments...

11/3,K/6 (Item 6 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00974233

System for monitoring refrigerant charge

Kuhlerlastüberwachungssystem

Système pour la surveillance de la charge d'un refroidisseur

PATENT ASSIGNEE:

CARRIER CORPORATION, (224371), Carrier Parkway P.O. Box 4800, Syracuse
New York 13221, (US), (Proprietor designated states: all)

INVENTOR:

Tulpule, Sharayu, 22 Salisbury Way, Farmington, Connecticut 06032, (US)

LEGAL REPRESENTATIVE:

Leckey, David Herbert et al (73221), Frank B. Dehn & Co., European Patent
Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 883048 A1 981209 (Basic)

EP 883048 B1 030521

APPLICATION (CC, No, Date): EP 98304375 980603;

PRIORITY (CC, No, Date): US 869536 970606

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G05B-023/02

ABSTRACT WORD COUNT: 104

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199850	3028
CLAIMS B	(English)	200321	1377
CLAIMS B	(German)	200321	1229
CLAIMS B	(French)	200321	1536
SPEC A	(English)	199850	6813
SPEC B	(English)	200321	6765
Total word count - document A			9843
Total word count - document B			10907
Total word count - documents A + B			20750

...SPECIFICATION will be ultimately processed through an output node that will compute a value of refrigerant **charges** based on the **computational** results from the interpolation nodes and the weighted connections between the output node and the...the run time mode of operation. The processor proceeds to a step 162 to read **measured values** of temperature obtained from the **sensors** 46 through 62. In this regard, the processor will await an indication from the controller...

...SPECIFICATION will be ultimately processed through an output node that will compute a value of refrigerant **charges** based on the **computational** results from the interpolation nodes and the weighted connections between the output node and the...the run time mode of operation. The processor proceeds to a step 162 to read **measured values** of temperature obtained from the **sensors** 46 through 62. In this regard, the processor will await an indication from the controller...

11/3,K/7 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00960458

Image scanning device and method

Verfahren und Vorrichtung zur Bildabtastung

Dispositif pour scanner une image et methode

PATENT ASSIGNEE:

Hewlett-Packard Company, (206030), 3000 Hanover Street, Palo Alto,
California 94304, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kahn, Richard, Rose Cottage, The Common East, Bradley Stoke, Bristol BS12
6AY, (GB)

Pollard, Stephen Bernard, 51 The Street, Uley, Nr. Dursley,
Gloucestershire GL11 5SL, (GB)

LEGAL REPRESENTATIVE:

Lawrence, Richard Anthony et al (78122), Hewlett-Packard Limited, IP
Section, Building 2, Filton Road, Stoke Gifford, Bristol BS12 6QZ, (GB)
PATENT (CC, No, Kind, Date): EP 873003 A1 981021 (Basic)
APPLICATION (CC, No, Date): EP 97302519 970414;
PRIORITY (CC, No, Date): EP 97302519 970414
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-001/047
ABSTRACT WORD COUNT: 100

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9843	705
SPEC A	(English)	9843	15481
Total word count - document A			16186
Total word count - document B			0
Total word count - documents A + B			16186

...SPECIFICATION stream comprising a chunk. The "chunkwise" approach sacrifices some accuracy for a significant reduction in **computation cost**.

In preferred embodiments, the step of identifying correspondence between image data and the pixel grid...element 70, with the correlation coefficients being determined by equation: where S_{ij} denotes the navigation **sensor - measured value** at the position ij of the sample frame 66 and R_{ij} denotes the navigation **sensor - measured value** at the frame 68 as shifted at the element 70 in the k direction, with...a quadratic for every pixel. This is not a satisfactory practical solution because of the **expense of computation** involved. While it is possible to derive approximate linear homogeneous mappings from rectilinear image co...

...this method the TRANSFORM LOOP becomes

Note that the inner loop, where most of the **computational cost** is expended, is much simpler in TRANSFORM LOOP 3 than in TRANSFORM LOOP 2. It should be noted that higher order interpolation could be employed for greater accuracy at increased **computational cost**.

Better image quality can be achieved, at the **cost** of increased **computation**, by mapping each rectilinear image pixel to the closest point on each of the increments...

11/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00796752

PROCESS AND DEVICE FOR COST-ORIENTED OPERATION OF A CONDITIONING DEVICE,
PARTICULARLY A FILTER
VERFAHREN UND VORRICHTUNG ZUM KOSTENORIENTIERTEN BETRIEB EINER
KONDITIONIERVORRICHTUNG, INSBESONDERE EINES FILTERS
PROCEDE ET DISPOSITIF PERMETTANT D'EXPLOITER EN TENANT COMPTE DES COUTS UN
DISPOSITIF DE CONDITIONNEMENT, EN PARTICULIER UN FILTRE
PATENT ASSIGNEE:

Tepcon Engineering Gesellschaft mbH, (2192120), Hauptstrasse 165, 42579
Heiligenhaus, (DE), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

EIMER, Klaus, Holenderweg 11, D-40883 Ratingen, (DE)

LEGAL REPRESENTATIVE:

Konig, Gregor Sebastian et al (95801), Konig - Palgen - Schumacher -
Kluin Patentanwalte Lohengrinstrasse 11, 40549 Dusseldorf, (DE)
PATENT (CC, No, Kind, Date): EP 808206 A1 971126 (Basic)
EP 808206 B1 981021

APPLICATION (CC, No, Date): EP 96904050 960209; WO 96EP560 960209
 PRIORITY (CC, No, Date): DE 19504327 950210
 DESIGNATED STATES: DE; FR; GB; IT
 INTERNATIONAL PATENT CLASS: B01D-035/143; B01D-037/04;
 NOTE:

No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): German; German; German
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9843	2852
CLAIMS B	(German)	9843	2322
CLAIMS B	(French)	9843	3061
SPEC B	(German)	9843	5828
Total word count - document A			0
Total word count - document B			14063
Total word count - documents A + B			14063

...CLAIMS overall costs since the last regeneration or the last replacement of the conditioning device are **calculated**, wherein in particular **costs** for lower production because of the state of wear of the conditioning device can be...a higher level of monitoring the total costs of the operation inclusive of the regeneration **costs** incurred can be **calculated**.

19. Method according to claim 18, characterised in that a signal appears on a display...or at intervals, wherein the device is provided with the following features:
- at least one **sensor** (9; 10; 11) for producing **measured values** (Sdp; Sv) from which the state of wear of the conditioning device (1) can be...

...Device according to claim 21, characterised in that it comprises the following components:

- a pressure **sensor** (10) providing a **measured value** (Sdp) characterising the pressure differential (DP) of the filter element;
- a transformer (25) for receiving...

...Sbr).

23. Device according to claim 22, characterised in that in addition a through-flow **sensor** (11) providing a **measured value** (Sv) characterising the amount of flow of fluid (V) is present, the measured value of...

...29. Device according to one of claims 20 to 27, characterised in that the measurement **sensor** which provides the characteristic **measured value** (Sdp) of the pressure differential (DP) over the filter element (6) is a pressure sensor...

11/3,K/9 (Item 9 from file: 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2003 European Patent Office. All rts. reserv.

00778134

INTELLIGENT SYSTEM FOR GENERATING AND EXECUTING A SHEET METAL BENDING PLAN
 INTELLIGENTES SYSTEM ZUR HERSTELLUNG UND AUSFUHRUNG EINES
 METALLPLATTENBIEGEPLANS
 SYSTEME INTELLIGENT SERVANT A GENERER ET A EXECUTER UN PLAN DE PLIAGE DE
 TOLES METALLIQUES

PATENT ASSIGNEE:

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 , (JP), (Proprietor designated states: all)
 U.S. AMADA LTD., (1612700), 7025 Firestone Boulevard, Buena Park,
 California 90621, (US), (Proprietor designated states: all)

INVENTOR:

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(US)
KIM, Kyoung, Hung, Apartment B-5 5641 Hobart Street, Pittsburgh, PA 15217
, (US)
KRISHNAN, Sivaraj, Sivarama, III Block 515, 15th Main Koramangala,
Bangalore 560034, (IN)
HAZAMA, Kensuke, U.S. Amada, Ltd. 7025 Firestone Boulevard, Buena Park,
CA 90621, (US)
LEGAL REPRESENTATIVE: (,)
Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 744046 A1 961127 (Basic)
EP 744046 B1 030212
WO 96015481 960523
APPLICATION (CC, No, Date): EP 95936762 951109; WO 95JP2291 951109
PRIORITY (CC, No, Date): US 338113 941109; US 386369 950209
DESIGNATED STATES: DE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 1253496 (EP 2002002809)
INTERNATIONAL PATENT CLASS: G05B-019/4099; G05B-019/4155; B21D-005/00
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS B (English) 200307 604
CLAIMS B (German) 200307 591
CLAIMS B (French) 200307 659
SPEC B (English) 200307 36796
Total word count - document A (, 0
Total word count - document B 38650
Total word count - documents A + B 38650

...SPECIFICATION associated with an nth bend in the sequence of N bends may comprise a k **cost** **calculated** based upon an estimated amount of time it will take the bending apparatus to complete...

...associated with an nth bend in a sequence of N bends may comprise an h **cost** **calculated** based upon an estimated total amount of time it will take the bending apparatus to...holding expert module which is capable of operating the estimating mechanism to estimate a holding **cost** , **calculated** based upon whether a gripper's hold on the workpiece is to be repositioned before...

...motion expert module may also be capable of operating the estimating mechanism to estimate a **cost** based upon a **calculated** travel time for moving the workpiece from a tooling stage location of one bend to...

...the generated plan. In addition, the apparatus may be provided with a mechanism for performing **calculations** of the **costs** of producing a given batch of parts, based upon the time determined by the determining ...performing subplanning and cost assignment;

Fig. 24 illustrates an example workpiece and search tree, with **calculated costs** illustrated;

Fig. 25A is an example workpiece having an inner tab;

Fig. 25B is an...of fine motion planning;

Fig. 50 illustrates process steps performed by the motion expert to **calculate k and h costs** ;

Fig. 51 is a graphic representation of models of a bend press, a robot, and...queries, since such information is needed by the motion expert to do its subplanning and **cost assignment computations** .

In step S88, a test will be performed for the permutability regarding the motion expert...The predicted additional cost from node n1)) to the goal node (i.e., the h **cost** for tooling) is **calculated** to be the time needed to install one additional stage, and thus is 600 seconds...

...is where the smaller stage would be placed along the die rail. Since the h cost is calculated as a function of the present running average of the k cost calculated so far, the h cost is also a lower value of 12 seconds.

At the...in the search before performing the search. In the present example, a total initial h cost is calculated to be 1200, since two predicted stages have been predicted to be necessary to perform...a 3D part. The costs determined by the relative experts include a presumed holding k cost of 0, a calculated tooling k cost of 600, and a calculated motion k cost of 4. Since the present node n5)) is known to be the goal node, no h costs are calculated. The previous total k costs 642 seconds. Accordingly, 642 is added to the k cost...to the bend sequence planner 72 (in response R12, as shown in Fig. 30), is calculated. The tooling h cost is determined as a function of the total number of predicted stages that will be...of the dialogue chart shown in Fig. 31. In a first step S274, the k cost is calculated to be equal to a calculated robot travel time to take the part from a...

...evaluated bend in the search, without regard to collisions. Then, in step S276, the h cost is calculated to be equal to the product of the running average of the k cost values...from one position to another comprises droop compensation and backgaging in the X direction. The sensor output comprises a measured amount of X offset and a measured amount of droop offset of the part.

In a first step of the illustrated process, S308...

11/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00702308

Method for reproducing vehicle yaw angle from erroneous data
Verfahren zur Rekonstruktion des Gierwinkels eines Fahrzeugs aus fehlerbehafteten Rohdaten

Procede de reconstruction du cap d'un vehicule de donnees erronees

PATENT ASSIGNEE:

Mannesmann VDO AG, (205193), Russelsheimer Strasse 22, 60326 Frankfurt,
(DE), (applicant designated states: AT;BE;CH;DE;FR;GB;LI;NL)

INVENTOR:

Hertzner, Dipl.-Phys. Dr. Alfred, Kirnacherhohe 14, D-78089 Unterkirnach,
(DE)

PATENT (CC, No, Kind, Date): EP 668485 A1 950823 (Basic)
EP 668485 B1 980311

APPLICATION (CC, No, Date): EP 95100161 950107;

PRIORITY (CC, No, Date): DE 4405180 940218

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; LI; NL

INTERNATIONAL PATENT CLASS: G01C-017/38;

ABSTRACT WORD COUNT: 67

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9811	592
CLAIMS B	(German)	9811	510
CLAIMS B	(French)	9811	662
SPEC B	(German)	9811	1753
Total word count - document A			0
Total word count - document B			3517
Total word count - documents A + B			3517

...CLAIMS alpha)2)) = the roll stiffness of the vehicle,
(alpha)3)) = the scaling factor of the measured values etc., are either directly acquired by sensors in the vehicle or calculated from the vehicle longitudinal velocity vl)) and the vehicle transverse...

...yaw angle values (psi)opt))(ti))) optimally corrected at every acquisition instant ti)), where a **cost** function which is **calculated** from the raw data of the yaw angle (psi)i)) = (psi)(ti))), from the integrated...

11/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00691124

Production of nitrogen using membranes with temperature tracking
Herstellung von Stickstoff unter Verwendung von Membranen mit
Temperaturüberwachung
Production d'azote utilisant des membranes avec surveillance de la
temperature

PATENT ASSIGNEE:

PRAXAIR TECHNOLOGY, INC., (1181491), 39 Old Ridgebury Road, Danbury, CT
06810-5113, (US), (applicant designated states:
BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

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LEGAL REPRESENTATIVE:

Schwan, Gerhard, Dipl.-Ing. (10931), Elfenstrasse 32, 81739 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 659464 A2 950628 (Basic)
EP 659464 A3 970507
EP 659464 B1 980826

APPLICATION (CC, No, Date): EP 94120217 941220;

PRIORITY (CC, No, Date): US 170883 931221

DESIGNATED STATES: BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: B01D-053/22;

ABSTRACT WORD COUNT: 59

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9835	1099
CLAIMS B	(German)	9835	934
CLAIMS B	(French)	9835	1309
SPEC B	(English)	9835	6646
Total word count - document A			0
Total word count - document B			9988
Total word count - documents A + B			9988

...SPECIFICATION second stage membrane 14 through line 17 for recycle to line 1 for passage, with **additional quantities** of feed air, to feed air compressor 2.

Appropriate **sensors** are used to measure the temperature and pressure of the feed air stream. ...stage compressor with an adiabatic efficiency of 80% is used as a basis for power **calculations**. The tabulated **Cost** Function is a weighed combination of the Area Factor and the Power Factor as defined...

11/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00556520

MODEL FORECASTING CONTROLLER.

MODELLVORHERSAGEREGLER.

UNITE DE COMMANDE DE PREVISION DE MODELE.

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:

DE;FR;GB;IT)

INVENTOR:

OHYA, Junko 1-42-7-204, Minami-Saiwai-cho, Saiwai-ku, Kawasaki-shi
Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner
Patentanwalte Arabellastrasse 4, W-8000 Munchen 81, (DE)

PATENT (CC, No, Kind, Date): EP 524317 A1 930127 (Basic)

EP 524317 A1 950215

WO 9214197 920820

APPLICATION (CC, No, Date): EP 92904406 920210; WO 92JP131 920210

PRIORITY (CC, No, Date): JP 9117527 910208; JP 9147494 910220; JP 9175333

910408; JP 91190162 910730

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G05B-013/04;

ABSTRACT WORD COUNT: 117

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	EPABF1	2052
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SPEC A	(English)	EPABF1	19381
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Total word count - document A	21433
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Total word count - document B	0
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Total word count - documents A + B	21433
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...SPECIFICATION from reference value input means 12 of the input unit 10 and a controlled variable **measured value** y taken out from a controlled system 40 by a **sensor** to allow a process control unit 30 to output an optimal manipulated variable u therefrom...cost function J of the equation (13) by the cost function transformation means 22 to **calculate** an **cost** function in a quadratic form of the manipulated variable change rate (DELTA)u. (see image...represent a predictive value and a time base, respectively. Two curves J and Je respectively **calculated** for the control **cost** function J and the economical cost function Je set at present are displayed. The both...constant Tr and a stability margin parameter obtained by circulating through the weighting coefficient parameter **calculation** means 406, the **cost** function setting means 404, the model predictive control operation unit 402, the open-loop frequency...

11/3,K/13 (Item 13 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00506663

METHOD AND DEVICE FOR COMPUTING ESTIMATED MEAN TEMPERATURE SENSATION.

VERFAHREN UND VORRICHTUNG ZUR BERECHNUNG EINES SCHATZWERTES DER MITTLEREN EMPFUNDENEN TEMPERATUR.

PROCEDE ET DISPOSITIF POUR LE CALCUL D'UNE ESTIMATION DE LA TEMPERATURE MOYENNE PERCUE.

PATENT ASSIGNEE:

YAMATAKE-HONEYWELL CO. LTD., (407242), 12-19 Shibuya 2 Chome Shibuya-Ku,
Tokyo 150, (JP), (applicant designated states: DE;DK;FR;GB)

INVENTOR:

KON, Akihiko, 28-16, Momohamacho, Hiratsuka-shi, Kanagawa 254, (JP)

LEGAL REPRESENTATIVE:

Kahler, Kurt, Dipl.-Ing. Patentanwalte Kahler, Kack & Fiener et al
(6161), Maximilianstrasse 57 Postfach 12 49, W-8948 Mindelheim, (DE)

PATENT (CC, No, Kind, Date): EP 495118 A1 920722 (Basic)

EP 495118 A1 930203

WO 9202768 920220

APPLICATION (CC, No, Date): EP 91913126 910730; WO 91JP1016 910730

PRIORITY (CC, No, Date): JP 90199028 900730

DESIGNATED STATES: DE; DK; FR; GB
INTERNATIONAL PATENT CLASS: F24F-011/02;
ABSTRACT WORD COUNT: 191

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	778
SPEC A	(English)	EPABF1	3161
Total word count - document A			3939
Total word count - document B			0
Total word count - documents A + B			3939

...SPECIFICATION complicated arithmetic processing is required, and hence the processing time is undesirably prolonged. Moreover, the **cost** of the PMV **calculating** apparatus is inevitably increased, thus posing some practical difficulties in the use of such a...the coefficients of the respective terms of the two sides are determined by adding temperature **sensor** information to the **measurement value** H, the following equation can be obtained:

$b(\text{sub } 1) T_{cr} + b(\text{sub } 2) T_a \dots$

11/3,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00506662

METHOD OF COMPUTING EQUIVALENT TEMPERATURE AND INSTRUMENT FOR ENVIRONMENT MEASUREMENT.

VERFAHREN ZUR BERECHNUNG DER AQUIVALENTTEMPERATUR UND UMWELT-MESSINSTRUMENT.

PROCEDE DE CALCUL DE LA TEMPERATURE EQUIVALENTE ET INSTRUMENT DE MESURE ENVIRONNEMENTALE.

PATENT ASSIGNEE:

YAMATAKE-HONEYWELL CO. LTD., (407242), 12-19 Shibuya 2 Chome Shibuya-Ku, Tokyo 150, (JP), (applicant designated states: DE;DK;FR;GB)

INVENTOR:

KON, Akihiko, 28-16, Momohamacho, Hiratsuka-shi, Kanagawa 254, (JP)

LEGAL REPRESENTATIVE:

Kahler, Kurt, Dipl.-Ing. Patentanwalte Kahler, Kack & Fiener et al (6161), Maximilianstrasse 57 Postfach 12 49, W-8948 Mindelheim, (DE)

PATENT (CC, No, Kind, Date): EP 495117 A1 920722 (Basic)

EP 495117 A1 930609

WO 9202767 920220

APPLICATION (CC, No, Date): EP 91913125 910730; WO 91JP1015 910730

PRIORITY (CC, No, Date): JP 90199027 900730

DESIGNATED STATES: DE; DK; FR; GB

INTERNATIONAL PATENT CLASS: F24F-011/02;

ABSTRACT WORD COUNT: 201

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	700
SPEC A	(English)	EPABF1	4423
Total word count - document A			5123
Total word count - document B			0
Total word count - documents A + B			5123

...SPECIFICATION complicated arithmetic processing is required, and hence the processing time is undesirably prolonged. Moreover, the **cost** of the PMV **calculating** apparatus is inevitably increased, thus posing some practical difficulties in the use of such a...the coefficients of the respective terms of the two sides are determined by adding temperature

sensor information to the measurement value H, the following equation can be obtained:

b(sub 1) Tcr + b(

11/3,K/15 (Item 15 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00342962

Abnormality system for a high voltage power supply apparatus.
Abnormitäts-Diagnosesystem für eine Hochspannungsanlage.
Système d'anormalité pour appareil à source de courant à haute tension.
PATENT ASSIGNEE:

HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
100, (JP), (applicant designated states: CH;DE;FR;LI;SE)

INVENTOR:

Ozawa, Jun, 5-2-28, Suehiro-cho, Hitachi-shi Ibaraki-ken, (JP)
Endo, Fumihito, 4-37-14, Nishinarusawa-cho, Hitachi-shi Ibaraki-ken, (JP)
Ohshia, Yoichi, 3-17-2-103, Moriyama-cho, Hitachi-shi Ibaraki-ken, (JP)
Yamada, Izumi, 1429-6, Suwama Tokai-mura, Naka-gun Ibaraki-ken, (JP)
Yamagiwa, Tokio, 3-34-22, Ohnuma-cho, Hitachi-shi Ibaraki-ken, (JP)
Yamada, Hiroshi, 1-25-8, Nakamaru-cho, Hitachi-shi Ibaraki-ken, (JP)
Sawairi, Mitsuo, 2-3-A104, Ayukawa-cho, Hitachi-shi Ibaraki-ken, (JP)
Nagai, Hashime, 619-4, Kamiokaue Sekinan-cho, Kitaibaraki-shi Ibaraki-ken
, (JP)

LEGAL REPRESENTATIVE:

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D-80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 342597 A2 891123 (Basic)
EP 342597 A3 901219
EP 342597 B1 941228

APPLICATION (CC, No, Date): EP 89108764 890516;

PRIORITY (CC, No, Date): JP 88116828 880516

DESIGNATED STATES: CH; DE; FR; LI; SE

INTERNATIONAL PATENT CLASS: G01R-031/02;

ABSTRACT WORD COUNT: 88

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF2	1890
CLAIMS B	(English)	EPBBF2	1565
CLAIMS B	(German)	EPBBF2	1239
CLAIMS B	(French)	EPBBF2	1782
SPEC A	(English)	EPBBF2	21293
SPEC B	(English)	EPBBF2	21200
Total word count - document A			23183
Total word count - document B			25786
Total word count - documents A + B			48969

...SPECIFICATION can output with high reliability the life anticipation, the repair method judgment and the repair cost calculation by optimization means such as comparison of the external signals with the abnormality signals, the...1006. The time is measured for those signals which measure the time difference between the sensor signals by a counter circuit 1007, and the measured value is received as the digital quantity. These digitized signals are processed by a central processing...and each constituent unit of the gas insulation apparatus 1. A calculation unit 90C for calculating the cost necessary for the repair calculates the cost necessary for the repair from the data of the repair, cost data unit 91C storing...information. When foreign matter 30 is detected, the repair method is selected and the repair cost is calculated even though the foreign matter 30 does not always result in earthling.

The repair method...

...by it.

The repair cost depends on the repair method and the repair position. The cost is calculated from the cost table storing the data that are calculated and stored in advance, and from the moving distance of the foreign matter.

The selected repair method and the calculated repair cost are displayed together with the related information such as the position of the foreign matter...

...SPECIFICATION can output with high reliability the life anticipation, the repair method judgment and the repair cost calculation by optimization means such as comparison of the external signals with the abnormality signals, the...1006. The time is measured for those signals which measure the time difference between the sensor signals by a counter circuit 1007, and the measured value is received as the digital quantity. These digitized signals are processed by a central processing...and each constituent unit of the gas insulation apparatus 1. A calculation unit 90C for calculating the cost necessary for the repair calculates the cost necessary for the repair from the data of the repair, cost data unit 91C storing...information. When foreign matter 30 is detected, the repair method is selected and the repair cost is calculated even though the foreign matter 30 does not always result in earthling.

The repair method...

...by it.

The repair cost depends on the repair method and the repair position. The cost is calculated from the cost table storing the data that are calculated and stored in advance, and from the moving distance of the foreign matter.

The selected repair method and the calculated repair cost are displayed together with the related information such as the position of the foreign matter...

11/3,K/16 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00335586

Controlling engine fuel injection
Steuerung für Motor-Kraftstoffeinspritzung
Commande d'injection de carburant pour moteur
PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
101, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Takahashi, Shinsuke, Iijima Haitzu 101 2-17-3, Azamino Midori-ku,
Yokohama-shi Kanagawa, (JP)

Sekozawa, Teruji, 4-1-2-1009, Hakusan Asao-ku, Kawasaki-shi Kanagawa,
(JP)

Funabashi, Motohisa, 4-6-4-505, Araisono, Sagami-hara-shi Kanagawa, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54,
D-80538 München, (DE)

PATENT (CC, No, Kind, Date): EP 326065 A2 890802 (Basic)
EP 326065 A3 891123
EP 326065 B1 930120

APPLICATION (CC, No, Date): EP 89101142 890123;

PRIORITY (CC, No, Date): JP 8817062 880129

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: F02D-041/14

ABSTRACT WORD COUNT: 130

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	857
CLAIMS B	(German)	EPAB95	708
CLAIMS B	(French)	EPAB95	1016
SPEC B	(English)	EPAB95	8570
Total word count - document A			0
Total word count - document B			11151
Total word count - documents A + B			11151

...SPECIFICATION through the throttle is estimated by the use of the expression (8), from the various **sensor** information written into the RAM in step 301 and the estimated manifold pressure, Pm and the estimated atmospheric pressure, Pa.

Although in the foregoing description...the intake manifold can be indirectly obtained from the measured atmospheric temperature and the measured **water** temperature. Thus, the **cost** of the control system can be lowered as the air temperature sensor need not be...

...the air flow is ensured. The method of estimating each air flow and the method of **calculating** the correction coefficients are explained. The method of estimating the atmospheric pressure is the same...

11/3,K/17 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00295199

Apparatus for detecting presence/absence of water leakage from water pipe.
Apparat zum Nachweisen der An- oder Abwesenheit von Wasserleck an Wasserrohrleitungen.

Appareil pour detecter la presence ou l'absence de fuite d'eaux dans les conduits d'eau.

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

Saitoh, Susumu, c/o Patent Division Kabushiki Kaisha Toshiba, 1-1
Shibaura 1-chome Minato-ku Tokyo 105, (JP)
Taniguchi, Syozo, c/o Patent Division Kabushiki Kaisha Toshiba, 1-1
Shibaura 1-chome Minato-ku Tokyo 105, (JP)
Enomoto, Akio, c/o Patent Division Kabushiki Kaisha Toshiba, 1-1 Shibaura
1-chome Minato-ku Tokyo 105, (JP)
Matsuzawa, Teruyoshi, c/o Patent Division Kabushiki Kaisha Toshiba, 1-1
Shibaura 1-chome Minato-ku Tokyo 105, (JP)
Kubota, Takeji, c/o Patent Division Kabushiki Kaisha Toshiba, 1-1
Shibaura 1-chome Minato-ku Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, W-8000 Munchen
80, (DE)

PATENT (CC, No, Kind, Date): EP 300460 A1 890125 (Basic)
EP 300460 B1 920513

APPLICATION (CC, No, Date): EP 88111705 880720;

PRIORITY (CC, No, Date): JP 87180939 870722; JP 87180940 870722

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G01M-003/24;

ABSTRACT WORD COUNT: 197

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2439
CLAIMS B	(German)	EPBBF1	1563

CLAIMS B	(French)	EPBBF1	2183
SPEC B	(English)	EPBBF1	5235
Total word count - document A			0
Total word count - document B			11420
Total word count - documents A + B			11420

...SPECIFICATION in Fig. 3H.

Upon reception of detection execution signal DIO, division circuit 47 divides the **count value** of counter 46 with second count S x 2 from the output timing of signal INI to the output timing of signal INO...be arranged in display 16 so that arithmetic circuit 16A calculates a distance from the **calculated** average frequency in accordance with Fig. 6, and display 16 displays the calculated distance.

The water leakage detecting...

11/3,K/18 (Item 18 from file 348)
 DIALOG(R) File 348:EUROPEAN PATENTS
 (c) 2003 European Patent Office. All rts. reserv.

00273525

Liquid crystal voltmeter.

Flussigkristall-Spannungsmessgerät.

Voltmetre a cristaux liquides.

PATENT ASSIGNEE:

XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644
 , (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Haas, Werner Erwin Louis, 768 Hightower Way, Webster New York 14580, (US)

Andrews, John Richard, 28 Bittersweet Road, Fairport New York 14450, (US)

LEGAL REPRESENTATIVE:

Hill, Cecilia Ann et al (31832), Rank Xerox Patent Department Albion

House, 55 New Oxford Street, London WC1A 1BS, (GB)

PATENT (CC, No, Kind, Date): EP 272871 A2 880629 (Basic)

EP 272871 A3 880727

EP 272871 B1 930310

APPLICATION (CC, No, Date): EP 87311045 871215;

PRIORITY (CC, No, Date): US 943236 861218

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G01R-029/24; G01R-015/07; G02F-001/1333;

G01R-005/28;

ABSTRACT WORD COUNT: 182

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	554
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CLAIMS B	(German)	EPBBF1	504
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CLAIMS B	(French)	EPBBF1	640
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SPEC B	(English)	EPBBF1	3502
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Total word count - document A			0
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Total word count - document B			5200
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Total word count - documents A + B			5200
------------------------------------	--	--	------

...SPECIFICATION transmitted therethrough. Because of their common usage in consumer technologies such as calculator, watch and **television** displays, the **cost** of liquid crystal materials is very low.

Additionally, cells incorporating liquid crystals demonstrate relatively high...Figure 2, internal timing device 42 also directs a timing signal to sample and hold **circuit** 38, through a time delay circuit 50 to **control** the sample and hold circuit by providing a signal to a sample and hold circuit...

...new output voltage signal.

In accordance with another aspect of the invention, a two cell **sensor** arrangement is provided to allow comparison of **measured values** with known reference values to allow subtraction of the drift associated with the RC relaxation...

11/3,K/19 (Item 19 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00269438

Electronic hygrometer and electronic thermohygrometer.
Elektronischer Feuchtigkeitsmesser und elektronischer Temperatur- und
Feuchtigkeitsmesser.

Hygrometre electronique et thermohygrometre electronique.

PATENT ASSIGNEE:

NIPPON MINING COMPANY LIMITED, (264070), 10-1, Toranamon 2-chome,
Minato-ku Tokyo, (JP), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

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Segawa, Hideo, c/o Nippon Mining Co., Ltd. Central Research Lab., 3-17-35
Niizo-Minami Toda-shi Satama-ken, (JP)
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Tokyo, (JP)
Murakami, Kenji, c/o Soar Corporation 9165 Oaza-Sakaki Sakakicho,
Hanishinagun Nagano-ken, (JP)

LEGAL REPRESENTATIVE:

Hughes, Brian Patrick et al (32111), Graham Watt & Co. Riverhead,
Sevenoaks, Kent TN13 2BN, (GB)

PATENT (CC, No, Kind, Date): EP 259012 A1 880309 (Basic)
EP 259012 B1 921014

APPLICATION (CC, No, Date): EP 87306891 870804;

PRIORITY (CC, No, Date): JP 86200180 860828; JP 86200181 860828; JP
86218240 860918; JP 86297220 861212; JP 86298482 861215

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G01N-027/22; G01N-027/04; G01K-007/16;

ABSTRACT WORD COUNT: 212

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	954
CLAIMS B	(German)	EPBBF1	760
CLAIMS B	(French)	EPBBF1	1010
SPEC B	(English)	EPBBF1	7227
Total word count - document A			0
Total word count - document B			9951
Total word count - documents A + B			9951

...SPECIFICATION Notes, No. 6, Part B, June 1986, P 674, Springfield
Virginia U.S.; Lane, E. G : "Low cost Humidity Sensor"; and Patent
Abstracts of Japan, vol. 7, No. 210 (P 223) (1355) 16th...

...hygrometer comprising oscillation means 1 which includes a square-wave
pulse signal generator 7, a humidity sensor 3 connected to the
square-wave pulse signal generator and which exhibits characteristics
variable with...

...reference electric element to determine the humidity of the atmosphere
on the basis of the counted value .

The invention in a second aspect is concerned with an electronic
thermohygrometer which comprises an...and twelfth embodiments are
contrived are the same as those for the third and fourth embodiments
and are not explained here.

In the ninth to twelfth embodiments of the invention, the humidity
sensor...

...LSI, and thus an electronic hygrometer is provided which features reduced size, power consumption, and **cost**. Moreover, **calculation** is made to find the ratio of an oscillation frequency of square-wave pulse signals...

...CLAIMS reference electric element to determine the humidity of the atmosphere on the basis of the **counted value**.

2. An electronic hygrometer as claimed in claim 1, characterised in that said humidity sensor (3) is of the resistance variable type whose electric resistance varies...

11/3,K/23 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00837693 **Image available** 1

CORRECTING FOR TWO-PHASE FLOW IN A DIGITAL FLOWMETER
CORRECTION D'UN ECOULEMENT EN DEUX PHASES DANS UN DEBITMETRE NUMERIQUE

Patent Applicant/Assignee:

INVENSYS SYSTEMS INC, 33 Commercial Street, NO2-3E, Foxboro, MA 02035, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

MANUS Henry P, 86 Stanton Road, Oxford OX 7TR, GB, GB (Residence), IE
(Nationality), (Designated only for: US)
DE LA FUENTE Maria Jesus, C/Doctor Montero #9, 3rd G, E-47005 Valladolid,
ES, ES (Residence), ES (Nationality), (Designated only for: US)

Legal Representative:

WALTERS Gregory A (agent), Fish & Richardson, 1425 K Street, N.W., 11th
Floor, Washington, DC 20005-3500, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171291 A1 20010927 (WO 0171291)
Application: WO 2001US9332 20010323 (PCT/WO US0109332)
Priority Application: US 2000191465 20000323; US 2000716644 20001121

Parent Application/Grant:

Related by Continuation to: US 2000191465 20000323 (CON); US 2000716644
20001121 (CON)

Designated States: JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 36910

Fulltext Availability:

Detailed Description

Detailed Description

... data points are used. The minimum is three, but more may be used (at greater **computational expense**) by using least-squares fitting. Such a fit is less susceptible to random noise. Fig...The integrals are calculated using Simpson's method with quadratic correction (described below). The chief **computational expense** of the method is calculating the pure sine and cosine functions.

e. Phase Determination

The...191 degrees to 209 degrees).

The controller generates VMV based on underlying data from the **sensors**. First, the controller derives a raw **measurement value** (RMV) that is based on the signals from the **sensors**. In general, when the controller detects no abnormalities, the controller 20 has nominal confidence in...

11/3,K/24 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

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00815022 **Image available**

SENSOR VALIDATION METHOD AND APPARATUS

PROCEDE ET APPAREIL DE VALIDATION DE CAPTEURS

Patent Applicant/Assignee:

ASPEN TECHNOLOGY INC, 10 Canal Park, Cambridge, MA 02141, US, US
(Residence), US (Nationality)

Inventor(s):

QIN S Joe, 11584 Cedarcliffe Drive, Austin, TX 78750, US,
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Legal Representative:

WAKIMURA Mary Lou (et al) (agent), Hamilton, Brook, Smith & Reynolds,
P.C., Two Militia Drive, Lexington, MA 02421, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200148571 A1 20010705 (WO 0148571)

Application: WO 2000US34501 20001219 (PCT/WO US0034501)

Priority Application: US 99474630 19991229

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18408

Fulltext Availability:

Detailed Description

Detailed Description

... and Precision Loss. Complete failure is determined by performing a regression analysis on an identified faulty **sensor 's measured values**, and is indicated by the statistical inference that the regression line has zero slope. The... invention, calculated from the mean π_i and standard deviation σ_i of the i 'th **sensor** as follows.

1

$S_i =$

$C_i(1)$

$\sigma_i := \pi_i$

Then a **measured value** u_i of the i th **sensor** is converted to a normalized value x_i by.

$u_i = S_i (x_i - \sigma_i) \quad (2)$

π_i and...CLASSIFICATION TYPE: COMPLETE FAILURE

Complete failure is determined by performing a regression analysis on the faulty **sensor 's measured values** 108, and is indicated by the statistical inference that the regression line fits well, and...detection of gross errors as a nonlinear program. Because a nonlinear model is involved, the **computational cost** is high and unique identification of the gross errors is often not guaranteed.

The literature...

11/3,K/25 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00767145 **Image available**

PARKING GUIDANCE AND MANAGEMENT SYSTEM
SYSTEME D'ORIENTATION ET DE GESTION POUR LE STATIONNEMENT

Patent Applicant/Assignee:

PREMIER MANAGEMENT PARTNERS INC, 605 East Algonquin Road, Suite 307,
Arlington Heights, IL 60005, US, US (Residence), US (Nationality)

Patent Applicant/Inventor:

YOO Chul Jin, 605 East Algonquin Road, Suite 307, Arlington Heights, IL
60005, US, US (Residence), US (Nationality)

KIM Sang Gook, 1264 Sumac Trail, Hoffman Estates, IL 60195, US, US
(Residence), KR (Nationality)

PAHNG Daniel Yongsuk, 28 Evergreen Drive, Streamwood, IL 60107, US, US
(Residence), US (Nationality)

Legal Representative:

ROCHE David I, Baker & McKenzie, 130 E. Randolph Drive, Chicago, IL 60601
US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200100448 A1 20010104 (WO 0100448)

Application: WO 2000US8148 20000328 (PCT/WO US0008148)

Priority Application: US 99339574 19990624

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6066

Fulltext Availability:

Detailed Description

Detailed Description

... shows a system in which sensors are installed at entrance and exit
locations, and those **sensors** count incoming and outgoing vehicles. The
counted number of vehicles provides space availability information
with respect to each level or **section** for which...reports, a manager may
examine the length of time a space is used, and may **calculate fees**
which should have been collected. The manager may also generate Failure
Reports. The management information...

11/3,K/26 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00563908 **Image available**

DETERMINING THE LOCATION AND ORIENTATION OF AN INDWELLING MEDICAL DEVICE
DETERMINATION DE LA POSITION ET DE L'ORIENTATION DE DISPOSITIFS MEDICAUX
IMPLANTES A DEMEURE

Patent Applicant/Assignee:

LUCENT MEDICAL SYSTEMS INC,

Inventor(s):

HAYNOR David R,

SOMOGYI Christopher P,

GOLDEN Robert N,

SANDERS Gary B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200027281 A1 20000518 (WO 0027281)

Application: WO 99US25450 19991028 (PCT/WO US9925450)

Priority Application: US 98188049 19981106

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 18176

Fulltext Availability:

Detailed Description

English Abstract

...of predicted magnetic field values. The predicted magnetic field values are compared with the actual **measured values** provided by the magnetic **sensors**. Based on a difference between the predicted values and the **measured values**, the device estimates a new location for each of the magnets and calculates new predicted...

Detailed Description

... optimization algorithms to minimize the value of the cost function.

The required gradients of the **cost** function are **calculated** using equation (2) above.

Many different, well-known cost functions and/or optimization techniques, such...

11/3,K/28 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00422206

WAVEFIELD IMAGING USING INVERSE SCATTERING TECHNIQUES

APPAREIL ET PROCEDE D'IMAGERIE AVEC DES CHAMPS D'ONDES A L'AIDE DE
TECHNIQUES DE DIFFUSION INVERSE

Patent Applicant/Assignee:

JOHNSON Steven A,
BORUP David T,
WISKIN James W,
NATTERER Frank,
WUBELING F,
ZHANG Yonghzhi,

Inventor(s):

JOHNSON Steven A,
BORUP David T,
WISKIN James W,
NATTERER Frank,
WUBELING F,
ZHANG Yonghzhi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9812667 A2 19980326

Application: WO 97US15226 19970828 (PCT/WO US9715226)

Priority Application: US 96706205 19960829

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW

MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW

SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE

IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 92383

Fulltext Availability:

Detailed Description

Detailed Description

... meas.

The essence of the method (apart from the appropriate techniques to

substantially reduce the **computational cost** of the algorithm) is the iterative
n (n) true
construction of 7(), for n = 1...inside of the object, and finally
A7 S =- T(fsc,) = T(Gw[oyJf.,)
for the **measured value** of the scattered field at the **detectors** . The
T operator is used to indicate the "truncation" of the calculated
scattered field, calculated...a single
la er (This can be fixed in our present algorithms but at the **expense**
of
Y
increased **computation**).

Page 109

The O(N3) computation of this approach is superior to the OW41 092...

11/3,K/29 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00393643 **Image available**
METHOD AND APPARATUS FOR ANALYZING AND MONITORING PACKET STREAMS
PROCEDE ET APPAREIL D'ANALYSE ET DE SURVEILLANCE DE FLUX DE PAQUETS
Patent Applicant/Assignee:
SARNOFF CORPORATION,
Inventor(s):
DIETERICH Charles Benjamin,
GREENBERG Arthur Lee,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9734386 A1 19970918
Application: WO 97US4009 19970313 (PCT/WO US9704009)
Priority Application: US 9613361 19960313
Designated States: CA JP KR MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE
Publication Language: English
Fulltext Word Count: 5837
Fulltext Availability:
Detailed Description

Detailed Description
... for a method and apparatus for
performing real time packet analysis without the associated high
computational expense . Specifically, a need exists for a method and
apparatus for detecting errors, verifying the consistencies...to
zero, an X number of bytes is flushed from the FIFO, thereby reducing the
computational expense of performing real time packet analysis, which
is
discussed below with reference to FIG. 4...which
corresponds to the least significant bit of the program-clock
-reference-base field. The **detector** should then simultaneously cause a
counter value to be stored in a queue of Recorded PCR Values. The
counter is clocked at...

11/3,K/30 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00313861
INSTANTANEOUS VOLUME MEASUREMENT SYSTEM AND METHOD FOR NON-INVASIVELY
MEASURING LIQUID PARAMETERS
SYSTEME DE MESURE INSTANTANEE DE MESURE DE VOLUMES ET PROCEDE NON INVASIF
DE MESURE DES PARAMETRES D'UN LIQUIDE
Patent Applicant/Assignee:

BAXTER INTERNATIONAL INC, (,)
Inventor(s):
PACKARD Warren J,
PAWLAK Kenneth E,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9532014 A1 19951130
Application: WO 95US4874 19950421 (PCT/WO US9504874)
Priority Application: US 94245781 19940519
Designated States: BR CA JP MX SG AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE
Publication Language: English
Fulltext Word Count: 3056

Fulltext Availability:
Detailed Description

English Abstract

...pulled into or out of a chamber of the pump (18) can be calculated from **measured values** of the gas used to drive the pump (18). **Sensors** (10, 12 and/or 14) are used to **measure values** relating to the gas. The sensed parameters are concurrently monitored and continuously determine the amount... (,)

Detailed Description

... to provide a higher order solutions Such an implementation would provide improved accuracy at the **expense** of greater **computation** time, Another alternative embodiment for calculating the instantaneous volume of the liquid eliminates the temperature...

11/3,K/31 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00263670

PREDICTION METHOD OF TRAFFIC PARAMETERS PROCEDE DE PREVISION DE PARAMETRES DE CIRCULATION

Patent Applicant/Assignee:

OLSSON Kjell,

Inventor(s): (,)

OLSSON Kjell,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9411839 A1 19940526

Application: WO 93SE962 19931111 (PCT/WO SE9300962)

Priority Application: SE 923474 19921119

Designated States: JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 11633

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... B along the same traf f ic route are also known, Also available are present **measurement values** from re spective **sensors** , which indicate that it would be of interest to proceed further, since the traffic flows...alternative routes downstream of said link. (,)

When an incident occurs on the link concerned,, the " **cost calculation** " for alternative routes may take into account knowledge of downstream traffic distribution and

therewith sometimes...

Claim

... prediction unit for the traffic parameter in question, e.g, the flow term I2 from **measured values** from two **sensors** separated in space and in traffic propagation time with z and t respectively according to...of any complete subareas of the street net is made by one or several chosen **sensors** by means of a correlation with the **measurement values** obtained from one or several measurements in the street net.

17 A method according to...

...the incident, and where the best alternative routes are determined by means of a simple **valuating** function or a **cost** function,, where the travel time period, the travelling route, the road size, etc., can be...

11/3,K/32 (Item 13 from file 349)
DIALOG(R)File 349:PCT FULLTEXT
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00103786

IMPROVED PHOTON DETECTOR
DETECTEUR DE PHOTONS AMELIORE

Patent Applicant/Assignee:

ZERMENO A,
MARSH L,

Inventor(s):

ZERMENO A,
MARSH L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8002603 A1 19801127

Application: WO 80US565 19800514 (PCT/WO US8000565)

Priority Application: US 7938465 19790514

Designated States: AT AU BR CH DE GB JP NL RO SE SU US FR

Publication Language: English

Fulltext Word Count: 13433

Fulltext Availability:

Detailed Description

Detailed Description

... theoretically predicted by such a model as a function of supply voltage applied across the **detector** . Also shown on Figure 14 are several experimentally **measured values** of charges collected from experimental system #2, which was OMPI
Vir i P 0...

...was measured as 150 microns. Five mil mylar was employed as the second dielectric. All **charges** **calculated** in Figure 14 assumed an active
2
area or-pixel size of .3 cm and...

11/3,K/33 (Item 14 from file 349)
DIALOG(R)File 349:PCT FULLTEXT
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00103785

REALTIME RADIATION EXPOSURE MONITOR AND CONTROL APPARATUS
MONITEUR D'EXPOSITION, EN TEMPS REEL DE RADIATION, ET APPAREILLAGE DE
CONTROLE

Patent Applicant/Assignee:

COWART R,

Inventor(s):

COWART R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8002602 A1 19801127

Application: WO 80US564 19800514 (PCT/WO US8000564)

Priority Application: US 7938466 19790514

Designated States: AT AU BR CH DE GB JP NL RO SE SU US FR

Publication Language: English

Fulltext Word Count: 13103

Fulltext Availability:

Detailed Description

Detailed Description

... theoretically predicted by such a model as a
function of supply voltage applied across the
detector , Also shown on Figure 14 are several
experimentally measured values of charges col
lected from experimental system #2, which was

@-IJRE@-A(j@

OMPI

wipo...

...was measured as 150 microns. Five mil
mylar was employed as the second dielectric. All
charges calculated in Figure 14 assumed an active
2
area or pixel size of..3 cm and...